

DSHPSHWA Data Summary: Reporting Year 2004 Version D

Source: Directors of Speech & Hearing Programs in State Health & Welfare Agencies (DSHPSHWA)
2004 survey

Please Note: 1) *Data reported by states and territories was estimated in some cases*
2) *This data may be updated in the future*

Category	# States and Territories Reporting	Statistics (Estimated)
Screened for hearing loss	48	91.7% (3,470,348 / 3,783,791)
Screened for hearing loss before discharge	41	98.3% (2,587,951 / 2,633,013)
Referred for audiological evaluation	47	1.8% (58,539 / 3,337,654)
Receiving audiological evaluation	40	48.0% (24,571 / 51,178)
Loss to System	40	52.0% (represents 26,607 infants)
Receiving audiological evaluation by 3 months	35	75.0%* (14,160 / 18,880 evaluated) 32.8%** (14,160 / 43,130 referred)
Identified with hearing loss	46	3,568 (1.11 per 1,000 screened); Range: 0.22 – 3.61 per 1,000 screened
Identified with hearing loss through an EHDI program	46	95.5% (3,409 infants with hearing loss were identified through a newborn hearing screening program out of a total of 3,568 identified with hearing loss)
Enrolled in Intervention	39	65.5% (1,842 / 2,814)
Enrolled in Intervention by 6 months	38 [^]	69.9%^^ (1,266 / 1,811 in intervention) – 37 states 46.4% (1,290 / 2,778 identified w. hearing loss) – 38 states

38[^]: One state reported the number enrolled in early intervention by six months but not the total number enrolled in intervention overall. As a result, the number of states used to calculate the 69.9% value (i.e., the percent in intervention by six months / the total number enrolled in intervention) was **37** states

^^ This calculation does not include the number enrolled in intervention by six months for one state because that state did not report the corresponding number in intervention overall. As a result it is based on data from 37 states

The calculations for these statistics are listed on page two

Explanation of Calculations (2004 DSHPSHWA Data)

Screened for hearing loss: 91.7%; 3,470,348 (# screened for HL) / 3,783,791 (# of live births) reported in 48 states

Screened for hearing loss before discharge: 98.3%; 2,587,951 (# screened for HL before hospital discharge) / 2,633,013 (# screened for HL) in 41 states

Referred for audiological evaluation: 1.8%; 58,539 (# referred for evaluation) / 3,337,654 (# screened for HL) in 47 states

Receiving audiological evaluation: 48.0%; 24,571 (# reported to have received an evaluation) / 51,178 (# reported to have been referred for an evaluation) in 40 states

Loss to System: $100 - 48.0\% = 52.0\%$ (Percent reported to have not received an audiologic evaluation) in 40 states

Receiving audiological evaluation by 3 months: 75.0%*: 14,160 (# reported to have received an evaluation by 3 months) / 18,880 (overall # reported to have received an evaluation) in 35 states

32.8%**: 14,160 (# reported to have received an evaluation by 3 months) / 43,130 (# reported to have been referred for an evaluation) in 35 states

Note: Some states may have included those infants that were only referred for a second screening (not a full evaluation) in the number reported as referred for evaluation. In some cases, the number reported as receiving a full diagnostic evaluation may not have included the number that had also received a second screening

Provides a potential estimate of the percent of children who may not have received recommended follow-up testing or those cases where no information about completed follow-up testing was reported to the state or territory EHD program

Identified with hearing loss: 3,568 (# identified) out of 3,532,571 newborns (91.3% of live births) screened in these 46 states

Identified with hearing loss through an EHD program: 3,409 (# identified through a newborn hearing screening program) out of a total of 3,568 identified overall in 46 states. Results in 95.5% of those identified with a hearing loss being identified by a newborn hearing screening program

Enrolled in Intervention: 1,842 (# with hearing loss enrolled in intervention) / 2,814 (# identified with hearing loss in the 39 states that also reported the # enrolled in intervention)

Enrolled in Intervention by 6 months: 69.9%^^: 1,266 (# enrolled in intervention by 6 months; *not including the number reported by the state that did not report the corresponding total number enrolled in intervention*) / 1,811 (# enrolled in intervention) in 37 states

42.8%: 1,290 (number enrolled in intervention by 6 months) / 2,778 (# identified with HL in the 38 states that also reported the # enrolled in intervention by six months)

Please Note: 1) Data reported by states and territories was estimated in some cases
2) This data may be updated in the future